

Introduction:

A retail store needs a console application to manage customer information effectively.

Requirements:

Functionality:

The admin needs this operations to manage customer data:

- Add new customer records (first name, last name, account number/ID, account balance).
- View a list of all customers (forward and backward order).
- Search and edit existing customer information.
- Delete customer records.
- Search customers by last name.
- Identify the customer with the highest and lowest account balance.

Data Storage:

Customer data is stored and retrieved from a CSV file.

Architecture:

Implement a 3-layer architecture consisting of:

- **Presentation Layer:** Menu-driven user interface (Console-based UI) for interacting with the application.
- **Business Layer:** Handles business logic, including customer object manipulation and business rules.
- **Data Layer:** Manages reading and writing customer data to the CSV file.